



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

Old
Series, }
Vol. XL

CONTINUATION OF THE
BULLETIN OF THE NUTTALL ORNITHOLOGICAL CLUB

{ New
Series,
Vol. XXXII

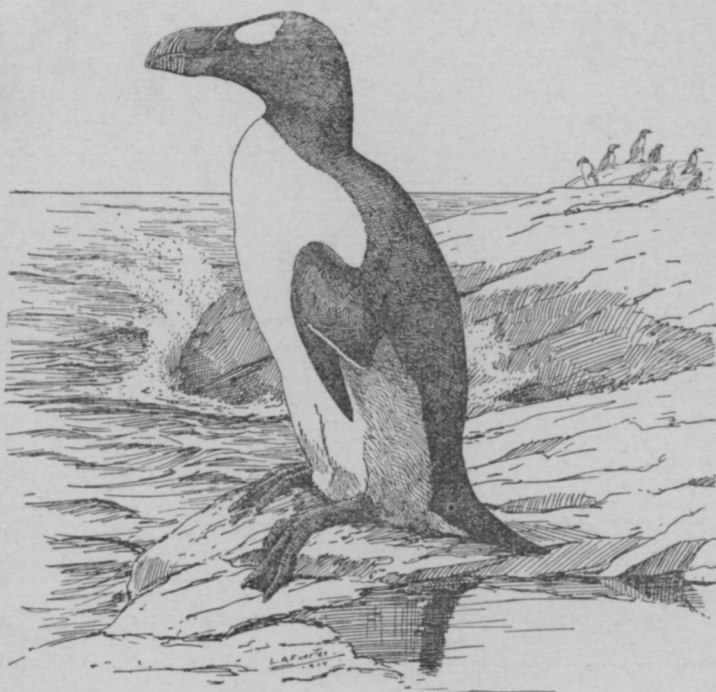
The Auk

A Quarterly Journal of Ornithology

Vol. XXXII

OCTOBER, 1915

No. 4



PUBLISHED BY

The American Ornithologists' Union

CAMBRIDGE, MASS.

Entered as second-class mail matter in the Post Office at Boston, Mass.

CONTENTS

	PAGE
IN MEMORIAM: THEODORE NICHOLAS GILL. By T. S. Palmer. (Plate XXVI)	391
THE MORE NORTHERN SPECIES OF THE GENUS <i>Scytalopus</i> GOULD. By Frank M. Chapman	406
THE PLUM ISLAND NIGHT HERONS. By S. Waldo Bailey.	424
BIRD MIGRATION IN THE MACKENZIE VALLEY. By Wells W. Cooke	442
LIST OF WATER AND SHORE BIRDS OF THE PUGET SOUND REGION IN THE VICINITY OF SEATTLE. By Samuel F. Rathbun	459
THE BIRDS' BATH. By Heyward Scudder	465
A FOUR-WINGED WILD DUCK. By Charles Eugene Johnson (Plates XXVII-XXIX)	469
NOTES ON DICHROMATIC HERONS AND HAWKS. By Outram Bangs	481
FOSSIL REMAINS OF THE EXTINCT CORMORANT PHALACROCORAX MACROPUS FOUND IN MONTANA. By R. W. Shufeldt, M. D.	485
THIRTY-THIRD STATED MEETING OF THE AMERICAN ORNITHOLOGISTS' UNION. By John Hall Sage	488
GENERAL NOTES.— Yellow-billed Loon (<i>Gavia adamsi</i>) in Colorado.— A Correction, 494; The Puffin (<i>Fratercula arctica arctica</i>) on Long Island, N. Y., 495; A Near View of an Iceland Gull, 495; The Arkansas Kingbird (<i>Tyrannus verticalis</i>) in Eastern Minnesota, 495; Starlings (<i>Sturnus vulgaris</i>) in New Hampshire, 496; Bachman's Sparrow near Chicago, Illinois, 496; Leconte's Sparrow in Wisconsin, 497; Junco Breeding in Concord and Lexington, Mass., 497; The Indigo Bunting in Colorado, 498; Numerous Migrant Pine Warblers (<i>Dendroica vigo</i>) at Fort Lee, N. J., 498; Black-throated Blue Warbler in Colorado, 498; Cape May Warblers Destructive to Grapes on Long Island, 498; The Resident Chickadee of Southwestern Pennsylvania, 498; Winter Birds at Wareham, Mass., 499; Notes on Some Manitoban Birds, 500; Bird-Notes from Cambridge, Isanti County, Minnesota, 501.	
RECENT LITERATURE.— Dall's Biography of Baird, 505; Baynes' 'Wild Bird Guests,' 507; Job on Wild Fowl Propagation, 509; Laing's 'Out with the Birds,' 510; Cooke on Bird Migration, 510; Faxon on Relics of Peale's Museum, 512; Mathew's 'Birds of Australia,' 512; Recent Monographs by Oberholser, 513; Nature and Science on the Pacific Coast, 513; Murphy on The Penguins of South Georgia, 514; Chapman on New Birds from Central and South America, 515; Cory on New South American Birds, 515; Burns on Periods of Incubation, 516; Henshaw on American Game Birds, 517; Taverner on The Double-crested Cormorant and its Relation to the Salmon Industry, 517; Shufeldt on the Osteology of the Limpkin and Stone Plover, 517; Recent Publications of the Biological Survey, 518; DaCosta on the Economic Value of the Birds of São Paulo, Brazil, 518; Third Report of Food of Birds in Scotland, 519; Economic Ornithology in Recent Entomological Publications, 520; The Ornithological Journals, 521; Ornithological Articles in Other Journals, 528; Publications Received, 531.	
CORRESPONDENCE.— Methods of Recording Bird Songs, 535.	
NOTES AND NEWS.— Obituaries: Graf Hans von Berlepsch, 539; Dr. Otto Herman, 539; Egbert Bagg, 540; Ewen Somerled Cameron, 540; Prof. Frederick Ward Putnam, 541; Frank B. Armstrong, 541; Appointment of Dr. T. S. Roberts in the University of Minnesota, 541	
INDEX	543
ERRATA	568
DATES OF ISSUE	568
CONTENTS	i

'THE AUK,' published quarterly as the **Organ** of the AMERICAN ORNITHOLOGISTS' UNION, is edited, beginning with volume for 1912, by Dr. WITMER STONE.

TERMS: — \$3.00 a year, including postage, strictly in advance. Single numbers, 75 cents. **Free** to Honorary Fellows, and to Fellows, Members, and Associates of the A. O. U. not in arrears for dues.

THE OFFICE OF PUBLICATION IS AT 30 BOYLSTON ST., CAMBRIDGE, BOSTON, MASS.

Subscriptions may also be addressed to DR. JONATHAN DWIGHT, Jr., Business Manager, 2 EAST 34TH ST., NEW YORK, N. Y. **Foreign Subscribers** may obtain 'THE AUK' through WITHERBY & Co., 326, HIGH HOLBORN, LONDON, W. C.

All **articles** and **communications** intended for publication and all **books** and **publications** for notice, may be sent to DR. WITMER STONE, ACADEMY OF NATURAL SCIENCES, LOGAN SQUARE, PHILADELPHIA, PA.

Manuscripts for general articles should reach the editor at least six weeks before the date of the number for which they are intended, and manuscripts for 'General Notes' and 'Recent Literature' not later than the first of the month preceding the date of the number in which it is desired they shall appear.